RAW SEQUENCE LISTING

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Application Serial Number: _____10/572, 189 A_____

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Date Processed by STIC: _____08/25/2006_____

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RAW SEQUENCE LISTING   DATE: 08/25/2006
PATENT APPLICATION: US/10/572,189A   TIME: 12:14:58

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 3 <110> APPLICANT: Ostermann, Kai
 4       Rodel, Gerhard
 6 <120> TITLE OF INVENTION: SECRETION OF PROTEINS FROM YEASTS
 8 <130> FILE REFERENCE: 13111-00033-US
10 <140> CURRENT APPLICATION NUMBER: US 10/572,189A
11 <141> CURRENT FILING DATE: 2006-03-15
14 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/010346
15 <151> PRIOR FILING DATE: 2004-09-15
17 <150> PRIOR APPLICATION NUMBER: DE 103 42 794.5
18 <151> PRIOR FILING DATE: 2003-09-16
20 <160> NUMBER OF SEQ ID NOS: 56
22 <170> SOFTWARE: PatentIn version 3.3
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 171
26 <212> TYPE: DNA
27 <213> ORGANISM: Schizosaccharomyces pombe
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37 tca cct att cca gtt gcc gat cct ggt gtg gtt tca gtt agc aag tca        96
38 Ser Pro Ile Pro Val Ala Asp Pro Gly Val Val Ser Val Ser Lys Ser
39                 20                  25                  30
40 tat gct gat ttc ctt cgt gtt tac caa agt tgg aac act ttt gct aat       144
41 Tyr Ala Asp Phe Leu Arg Val Tyr Gln Ser Trp Asn Thr Phe Ala Asn
42             35                  40                  45
43 cct gat aga ccc aac ttg aaa aag cgc                                   171
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81              20
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84 <211> LENGTH: 20
85 <212> TYPE: PRT
86 <213> ORGANISM: Schizosaccharomyces pombe
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106 1           5                  10                  15
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167 tca cct att cca gtt gcc gat cct ggt gtg gtt tca gtt agc aag tca    96
168 Ser Pro Ile Pro Val Ala Asp Pro Gly Val Val Ser Val Ser Lys Ser
169             20              25                  30
170 tat gct gat ttc ctt cgt gtt tac caa agt tgg aac act ttt gct aat   144
171 Tyr Ala Asp Phe Leu Arg Val Tyr Gln Ser Trp Asn Thr Phe Ala Asn
172         35              40                  45
173 cct gat aga ccc aac ttg aaa aag cgc gaa ttc gaa gct gct ccc gca   192
174 Pro Asp Arg Pro Asn Leu Lys Lys Arg Glu Phe Glu Ala Ala Pro Ala
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176 aaa act tat gct gat ttc ctt cgt gct tat caa agt tgg aac act ttt   240
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178 65              70              75              80
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180 Val Asn Pro Asp Arg Pro Asn Leu Lys Lys Arg Glu Phe Glu Ala Ala
181              85              90              95
182 cca gag aag agt tat gct gat ttc ctt cgt gct tac cat agt tgg aac        336
183 Pro Glu Lys Ser Tyr Ala Asp Phe Leu Arg Ala Tyr His Ser Trp Asn
184              100             105             110
185 act ttt gtt aat cct gac aga ccc aac ttg aaa aag cgc gaa ttc gaa        384
186 Thr Phe Val Asn Pro Asp Arg Pro Asn Leu Lys Lys Arg Glu Phe Glu
187         115             120             125
188 gct gct ccc gca aaa act tat gct gat ttc ctt cgt gct tac caa agt        432
189 Ala Ala Pro Ala Lys Thr Tyr Ala Asp Phe Leu Arg Ala Tyr Gln Ser
190     130             135             140
191 tgg aac act ttt gtt aat cct gac aga ccc aac ttg aaa aag cgc act        480
192 Trp Asn Thr Phe Val Asn Pro Asp Arg Pro Asn Leu Lys Lys Arg Thr
193 145             150             155             160
194 gaa gaa gat gaa gag aat gag gaa gag gat gaa gaa tac tat cgc ttt        528
195 Glu Glu Asp Glu Glu Asn Glu Glu Glu Asp Glu Glu Tyr Tyr Arg Phe
196                 165             170             175
197 ctt cag ttt tat atc atg act gtc cca gag aat tcc act att aca gat        576
198 Leu Gln Phe Tyr Ile Met Thr Val Pro Glu Asn Ser Thr Ile Thr Asp
200             180             185             190
201 gtc aat att act gcc aaa ttt gag agc taa                               606
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215 Tyr Ala Asp Phe Leu Arg Val Tyr Gln Ser Trp Asn Thr Phe Ala Asn
216         35              40              45
217 Pro Asp Arg Pro Asn Leu Lys Lys Arg Glu Phe Glu Ala Ala Pro Ala
218     50              55              60
219 Lys Thr Tyr Ala Asp Phe Leu Arg Ala Tyr Gln Ser Trp Asn Thr Phe
220 65              70              75              80
221 Val Asn Pro Asp Arg Pro Asn Leu Lys Lys Arg Glu Phe Glu Ala Ala
222              85              90              95
223 Pro Glu Lys Ser Tyr Ala Asp Phe Leu Arg Ala Tyr His Ser Trp Asn
224              100             105             110
225 Thr Phe Val Asn Pro Asp Arg Pro Asn Leu Lys Lys Arg Glu Phe Glu
226         115             120             125
227 Ala Ala Pro Ala Lys Thr Tyr Ala Asp Phe Leu Arg Ala Tyr Gln Ser
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229 Trp Asn Thr Phe Val Asn Pro Asp Arg Pro Asn Leu Lys Lys Arg Thr
230 145             150             155             160
231 Glu Glu Asp Glu Glu Asn Glu Glu Glu Asp Glu Glu Tyr Tyr Arg Phe
232             165             170             175
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241 <213> ORGANISM: Unknown
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253 1           5               10              15
254 cca tac gat gtt cct gac tat gcg ggc tat ccc tat gac gtc ccg gac       96
255 Pro Tyr Asp Val Pro Asp Tyr Ala Gly Tyr Pro Tyr Asp Val Pro Asp
256             20              25              30
257 tat gca gga tcc tat cca tat gac gtt cca gat tac gct gct cag tgc      144
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259         35              40              45
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284 <212> TYPE: DNA
285 <213> ORGANISM: Aspergillus nidulans
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VERIFICATION SUMMARY   DATE: 08/25/2006
PATENT APPLICATION: US/10/572,189A   TIME: 12:14:59

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